

Public Information Open House Meeting

Tuesday,
November 19, 2024

5:00-7:00 p.m.

Spearfish High School
Career and Technical Center
1824 Spirit Ln.
Spearfish, SD 57783

Public comment period will be open
through Thursday, December 19, 2024.

Comments can be provided via the following ways:

- **In-person** during the open house meeting
- **Online** at https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_2032
- **Written** comments submitted to:

Mark Lutjeharms, Consultant Project Manager
2000 Q St., Ste 500
Lincoln, NE 68503

Project Overview

The purpose of the Old U.S. Highway 14 and Interstate 90 (Exit 10) Traffic Study is to evaluate current and future conditions of the study area, focusing on safety and traffic improvements at North Avenue's intersections with Old U.S. Highway 14 and Interstate 90 (Exit 10), where recurring crashes and operational issues have been identified.

- The study anticipates future traffic growth and aims to find solutions that maintain acceptable traffic conditions through year 2038.
- A final report, including the improvement recommendations, is anticipated to be completed in December 2024.

Study Area



Identified Needs

Needs were identified from technical evaluations and historical traffic volumes, with considerations for anticipated increased traffic growth.

Immediate priorities include improvements at the intersections of:

- North Avenue & Old U.S. Highway 14
- North Avenue & Interstate 90 (Exit 10) Eastbound Ramp

What the Study is Covering

- Existing (2024) Traffic Operations Analysis
- Safety Analysis of Existing and Future Conditions
- Forecast Future (2038) Traffic Volumes
- Identification of Needs and Solutions
- Future No-Build Traffic Operations Analysis
- Traffic Operations Analysis of Intersection Alternatives
- Conceptual Improvement Options
- Final Traffic Study Recommendations

Proposed Alternatives

Alternative 0 No Build

Maintains the current layout at North Avenue/Old U.S. Highway 14 and North Avenue/I-90 Exit 10 Eastbound Ramp with no changes.



Alternative 1 Left-In, Right-Out (LIRO)

This alternative would restrict left-turn movements from Old Hwy 14 onto northbound North Avenue. Instead, motorists would turn right and use a dedicated u-turn location south of the intersection to perform this maneuver.



Alternative 2 Traffic Signalization

Maintains current layout but adds a traffic signal at the intersection of North Avenue and Old U.S. Highway 14. A traffic signal would be added at the Exit 10 EB ramps intersection when traffic volumes satisfy warrant criteria.



Project Contacts

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